	Document ID	Issue Date	Pages	Title	Current OR
1	US 20050117633 A1	20050602	16	Clock generation systems and methods	375/219
2	US 20050100102 A1	20050512	81	Error-corrected wideband holographic communications apparatus and methods	375/242
3	US 20050100076 A1	20050512	81	Adaptive holographic wideband communications apparatus and methods	375/130
4	US 20050084033 A1	20050421	81	Scalable transform wideband holographic communications apparatus and methods	375/295
5	US 20050084032 A1	20050421	81	Wideband holographic communications apparatus and methods	375/295
6	US 20050084031 A1	20050421	81	Holographic communications using multiple code stages	375/295
7	US 20050047492 A1	20050303	16	Reducing search time using known scrambling code offsets	375/150
8	US 20050041746 A1	20050224	81	Software-defined wideband holographic communications apparatus and methods	375/242
9	US 20040131125 A1	20040708	103	Enhanced wireless packet data communication system, method, and apparatus applicable to both wide area networks and local area networks	375/261
10	US 20040110469 A1	20040610	90	Repeaters for wireless communication systems	455/15
11	US 20040052312 A1	20040318	9	Multi-mode envelope restoration architecture for RF transmitters	375/295
12	US 20040042576 A1	20040304	19	Synchronizing timing between multiple air link standard signals operating within a communications terminal	375/365
13	US 20030169824 A1	20030911	16	Orthogonal division multiple access technique incorporating single carrier and OFDM signals	375/260
14	US 20030053569 A1	20030320	11	Receiver	375/345

	Current XRef	Inventor
1		Schmidt, Dominik J.
2	714/786	Gazdzinski, Robert F. et al.
3	375/242	Gazdzinski, Robert F. et al.
4		Rosen, Lowell et al.
5		Rosen, Lowell et al.
6		Rosen, Lowell et al.
7		Amerga, Messay et al.
8		Rosen, Lowell et al.
9		Sanderford, H. Britton JR. et al.
10	370/315; 375/211; 455/276.1; 455/562.1; 455/7	Judd, Mano D. et al.
11		Matero, Jorma
12		Anderson, Joh J.
13		Chayat, Naftali
14		Vilhonen, Sami

	Document ID	Issue Date	Pages	Title	Current OR
15	US 20020196840 A1	20021226	18	Method and apparatus for wireless spread spectrum communication with preamble processing period	375/130
16	US 20020136274 A1	20020926	15	Method for searching pilot signals to synchronize a CDMA receiver with an associated transmitter	375/142
17	US 20020136183 A1	20020926	20	Collision rectification in wireless communication devices	370/338
18	US 20020101632 A1	20020801	34	Wireless laser beam communications system for stationary and mobile users	398/43
19	US 20010043644 A1	20011122	11	Method of despreading a spread spectrum signal	375/150
20	US 20010028674 A1	20011011	13	Searching in dual-mode communications system	375/130
21	US 20010015995 A1	20010823	18	Radio and communication method using a transmitted intermediate frequency	375/130
22	US 6895230 B1	20050517	13	System and method for delay equalization of multiple transmission paths	455/276.1
23	US 6836506 B2	20041228	18	Synchronizing timing between multiple air link standard signals operating within a communications terminal	375/145
24	US 6744812 B2	20040601	19	Dual mode phone line networking modem utilizing conventional telephone wiring	375/222
25	US 6738414 B2	20040518	16	Radio and communication method using a transmitted intermediate frequency	375/147

	Current XRef	Inventor
15		Anderson, Gary B. et al.
16	375/143; 375/150; 375/343	Proctor, James A. et al.
17	375/132	Chen, Minghua et al.
18	375/377; 455/500	Meckler, Milton
19		Dooley, Saul R. et al.
20	370/335; 455/436	Edlis, Ofir et al.
21	375/295	Emery, David L. et al.
22	342/174; 342/375; 375/226; 375/349; 455/121; 455/193.1; 455/561; 455/67.11	Blount; Richard J. et al.
23	375/365	Anderson; Jon J.
24		Anne; Ramakrishna et al.
25	375/141; 375/142; 375/316	Emery; David L. et al.

	Document ID	Issue Date	Pages	Title	Current OR
26	US 6611198 B1	20030826	19	Electronic reader for reading a special characteristic of an object	340/10.41
27	US 6603808 B1	20030805	23	Dual mode phone line networking modem utilizing conventional telephone wiring	375/222
28	US 6542485 B1	20030401	19	Methods and apparatus for wireless communication using time division duplex time-slotted CDMA	370/335
29	US 6539209 B1	20030325	19	Code-division, multiple-access base station having transmit diversity	455/101
30	US 6483866 B1	20021119	11	Multi-station transmission method and receiver for inverse transforming two pseudo-orthogonal transmission sequences used for metric calculation and base station selection based thereon	375/149

	Current XRef	Inventor
26	340/10.1; 340/10.3; 340/10.33; 340/10.4; 340/5.2; 340/825.58; 340/825.69; 340/825.72; 375/147; 375/260; 375/323	Geiszler; Kenneth J. et al.
27	709/200	Anne; Ramakrishna et al.
28	370/337; 370/342; 370/347; 375/146; 375/147; 455/422.1	Mujtaba; Syed Aon
29	375/146; 375/267; 375/299; 455/102; 455/103	Dajer; Miguel et al.
30	370/203; 370/320; 370/334; 375/150	Suzuki; Hiroshi

	Document ID	Issue Date	Pages	Title	Current OR
31	US 6411199 B1	20020625	12	Radio frequency identification system	340/10.1
32	US 6385262 B1	20020507	14	Method and apparatus for changing the channel bandwidth that is receivable in a radio receiver	375/350
33	US 6356599 B1	20020312	12	AFC device and method of controlling reception frequency in a dual-mode terminal	375/327
34	US 6353642 B1	20020305	26	Automatic frequency controller and demodulator unit	375/344
35	US 6249687 B1	20010619	10	Dual mode mobile phone using a multiplex type filter	455/553.1

	Current XRef	Inventor
31	340/825.7; 340/825.71; 340/825.72; 342/102; 342/51; 342/98; 375/147; 375/260; 375/323; 375/349; 455/205; 455/207; 455/303; 455/304	Geiszler; Kenneth et al.
32	375/327; 375/332; 375/347; 455/143; 455/150.1	Gustafsson; Kjell B. et al.
33	329/307; 329/324; 329/325; 329/359; 329/360; 375/344; 375/371; 455/182.2; 455/190.1; 455/192.2	Lee; Hyun-Kyu
34	375/326	Asahara; Takashi et al.
35	375/316; 375/343	Thomsen; Pia et al.

	Document ID	Issue Date	Pages	Title	Current OR
36	US 6188716 B1	20010213	17	Radio and communication method using a transmitted intermediate frequency	375/147
37	US 6101176 A	20000808	34	Method and apparatus for operating an indoor CDMA telecommunications system	370/335
38	US 6091939 A	20000718	11	Mobile radio transmitter with normal and talk-around frequency bands	455/102
39	US 6072994 A	20000606	81	Digitally programmable multifunction radio system architecture	455/84
40	US 5983112 A	19991109	15	Frequency, time and power level diversity system for digital radio telephony	455/504
41	US 5959980 A	19990928	61	Timing adjustment control for efficient time division duplex communication	370/280
42	US 5757789 A	19980526	30	Dual mode satellite/cellular terminal	370/337
43	US 5668837 A	19970916	13	Dual-mode radio receiver for receiving narrowband and wideband signals	375/316
44	US 5663957 A	19970902	30	Dual mode satellite/cellular terminal	370/347
45	US 5657317 A	19970812	89	Hierarchical communication system using premises, peripheral and vehicular local area networking	370/338

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36	375/141; 375/142; 375/316	Emery; David L. et al.
37	375/346; 455/501	Honkasalo; Harri et al.
38	375/261; 455/103	Banh; An Tuyen
39	375/219; 375/295; 375/316; 455/129; 455/140; 455/277.1; 455/280; 455/349	Phillips; William C. et al.
40	375/299; 455/101; 455/59	Kay; Stanley E.
41	370/507; 375/358	Scott; Logan
42	370/347; 370/501; 375/132; 455/524	Dent; Paul W.
43	455/307	Dent; Paul W.
44	370/350; 370/468; 375/267; 714/821	Dent; Paul W.
45	340/825.5; 370/311; 375/133; 455/343.1; 455/433	Mahany; Ronald L. et al.

	Document ID	Issue Date	Pages	Title	Current OR
46	US 5649000 A	19970715	11	Method and system for providing a different frequency handoff in a CDMA cellular telephone system	455/436
47	US 5581548 A	19961203	29	Frequency and channel hopping communication in a TDMA cellular mobile radio system	370/330
48	US 5574979 A	19961112	93	Periodic interference avoidance in a wireless radio frequency communication system	455/63.1
49	US 5552942 A	19960903	18	Zero phase start optimization using mean squared error in a PRML recording channel	360/51
50	US 5475710 A	19951212	62	Adaptive equalizer and receiver	375/232
51	US 5375145 A	19941220	22	Multi-mode gain control loop for PRML class IV sampling data detection channel	375/345
52	US 5365577 A	19941115	44	Telecommunication display system	379/93.17
53	US 5313457 A	19940517	19	Code position modulation system and method for multiple user satellite communications	370/320
54	US 5257401 A	19931026	19	Method of maintaining an established connection in a mobile radio system comprising both analog and digital radio channels	455/436
55	US 4008378 A	19770215	26	Multi-radix digital communications system with time-frequency and phase-shift multiplexing	370/436

	Current XRef	Inventor
46	370/331; 375/133	Lee; Dong-Wook et al.
47	370/337; 375/133; 375/138	Ugland; Jon K. et al.
48	375/356; 375/357	West; Guy J.
49	375/369; 375/376	Ziperovich; Pablo A. et al.
50	333/18; 375/231; 375/233; 375/344; 375/365; 381/103; 708/322; 708/323	Ishizu; Fumio et al.
51	375/290; 455/234.1	Abbott; William L. et al.
52	348/14.12; 375/222; 379/93.09	Davis; Richard A. et al.
53	375/130	Hostetter; George R. et al.
54	375/216; 455/553.1; 455/63.1	Dahlin; Jan E. .ANG.ke S. et al.
55	375/279	Nance; W. Franklin et al.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	93	(((((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and 375/132.ccls.) and (operat$4 mode)) and (first radio) and (second radio) and (adapt$3)) and (first mode) and (second mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/30 08:26
L2	5724	(((((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and "375"/$.ccls.) and (operat$4 mode)) and (first radio) and (second radio) and (adapt$3)) and (first mode) and (second mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/30 08:29
L3	322	(((((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and "375"/$.ccls.) and (operat$4 mode)) and (first radio) and (second radio) and (adapt$3)) and (dual adj (mode or operat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/30 08:33
L4	55	3 and ((different or other) adj frequenc$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/30 08:36
S1	155381	(dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 14:10
S2	179	(((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and 375/132.ccls.) and (operat$4 mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 14:34
S3	1	"05696903"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 16:35
S4	1	"05796772"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 14:36
S5	13111	bluetooth	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 15:35

S6	14	((((((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and 375/132.ccls.) and (operat$4 mode)) and (first radio) and (second radio) and (adapt$3)) and (first mode) and (second mode)) and bluetooth	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 15:35
S7	79	(((((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and 375/132.ccls.) and (operat$4 mode)) and (first radio) and (second radio) and (adapt$3)) and (first mode) and (second mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/30 08:25
S8	36532	(first adj (radio or device or master or slave)) same2 (dual$radio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 17:14
S9	7893	(first adj frequency) near3 (second adj frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 17:16
S10	4875	(first adj frequency) near3 (second adj frequency) and range	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 17:17
S11	5616	(first adj operat$3) and (second adj operat$3) same mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/30 17:19
S12	37	((first adj frequency) near3 (second adj frequency) and range) and ((first adj operat$3) and (second adj operat$3) same mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/01 15:25
S13	81	((((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and 375/132.ccls.) and (operat$4 mode)) and (first radio) and (second radio) and (adapt$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/01 15:26
S14	184	((dual$radio) or (dual radio) and (communication) and (control$4) and (frequency range)) and 375/132.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/01 15:27
S15	1	"05596330"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/01 15:28

S16	5	(first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dual-radio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:41
S17	0	"2003/0002525".PN.	USPAT	OR	OFF	2004/10/20 14:20
S18	0	"2003/0002525".PN.	USPAT	OR	OFF	2004/10/20 14:20
S19	0	"2001/0008523".PN.	USPAT	OR	OFF	2004/10/20 14:21
S20	0	"2002/0177466".PN.	USPAT	OR	OFF	2004/10/20 14:22
S21	1	"6240292".PN.	USPAT	OR	OFF	2004/10/20 14:22
S22	1	"6035197".PN.	USPAT	OR	OFF	2004/10/20 14:30
S23	0	"2003/0002525".PN.	USPAT	OR	OFF	2004/10/20 14:48
S24	0	"2003/0002525".PN.	USPAT	OR	OFF	2004/10/20 14:48
S25	0	"2003/0002525".PN.	USPAT	OR	OFF	2004/10/20 14:48
S26	0	"2003/0002525".PN.	USPAT	OR	OFF	2004/10/20 14:48
S27	0	"2002/0093922".PN.	USPAT	OR	OFF	2004/10/20 14:48
S28	1	"6240292".PN.	USPAT	OR	OFF	2004/10/20 14:48
S29	1	"5594718".PN.	USPAT	OR	OFF	2004/10/20 14:52
S30	1	"5978679".PN.	USPAT	OR	OFF	2004/10/20 14:59
S31	1	"05696903"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 16:22
S32	1	"05796772"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 16:23
S33	0	"2001/0008523".PN.	USPAT	OR	OFF	2004/10/21 13:39
S34	0	"2001/0008523".PN.	USPAT	OR	OFF	2004/10/21 13:40
S35	2021	370/335.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:41
S36	0	370/335.ccls. and (first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dual-radio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:42
S37	5	(first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dual-radio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:42
S38	559	(first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dualband or dual$band)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 15:11

S39	5	370/335.ccls. and ((first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dualband or dual$band))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:43
S40	551	((first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dualband or dual$band)) and (second radio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 15:16
S41	480	(((first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dualband or dual$band)) and (second radio)) and (switch operation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 15:17
S42	347	((((first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dualband or dual$band)) and (second radio)) and (switch operation)) and (control$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 15:18
S43	339	(((((first radio) and (first operat$4 mode) and (second operat$4 mode) with (dual$radio or dualband or dual$band)) and (second radio)) and (switch operation)) and (control$3)) and (frequency range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 15:20